



Added beauty together with a lifetime of trouble-free service are among the many plus values offered in this lovely Upson lined home interior by Harnischfeger Corporation.

3d  
Up

# UPSON

*Laminated*

# PANELS



FILE A. I. A. 23



# THE UPSON COMPANY



A full generation—better than forty-three years ago, in fact, The Upson Company was founded at Lockport, New York.

Specialists in the development of fibre products, the new company sensed the potential market for a dependable wall and ceiling lining—a desire on the part of the public to get away from wet plaster and to turn to more efficient dry-wall construction.

Intensive research and often years of development have been behind every Upson Product before any attempt to market it has been made. Emphasis has always been on quality and performance rather than price. The wisdom of such a policy is best reflected in the Company's growth.

*Finest in* **PANEL MATERIALS**

From a modest little plant having only 15,000 square feet of floor space, and capitalized at \$50,000, The Upson Company has grown until today its present huge manufacturing facilities extend over 23 acres.

As striking as the growth in plant capacity is the comparison of the Upson Board of yesterday with the marvelously efficient Upson Panels of today.

No better proof of this exists perhaps than the thousands of Upson Panel installations which have been made both in private buildings and Governmental housing projects. Upson Panels have more than justified the faith architects and builders have placed in them.

**for new home construction**

## UPSON **STRONG-BILT** PANELS (WATERPROOFED)



UPSON  
**STRONG-BILT**  
PANELS

section

**a**

**6  
PLY**

Upson **STRONG-BILT** Panels (waterproofed) provide the ideal wall and ceiling lining for new home construction. Strong, rigid (6 plies, approximately  $\frac{3}{8}$ " thick), efficient insulating value . . . forever **CRACKPROOF**. Strong-Bilt Panels are eight feet high and room length — large enough to



cover the entire area of an average wall. They are also available in four foot widths for use in paneling. Upson Strong-Bilt Panels are easy to handle — quick to apply. Save time — save labor — give added dollar value to any home.

**for re-covering cracked plaster ceilings**

## UPSON **KUVER-KRAK** PANELS



UPSON  
**KUVER-KRAK**  
PANELS

section

**b**

**5  
PLY**

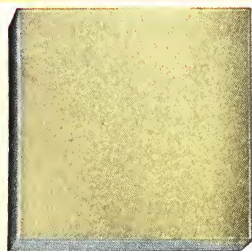
Cracked plastered ceilings have long been a problem. Surveys by impartial agencies show that two out of three homes have cracked plaster in one or more rooms. Patching a cracked ceiling is at best a dirty, mussy job with no guarantee of permanency. Upson **KUVER-KRAK** Panels were expressly de-



signed to answer this problem. **KUVER-KRAK** Panels are applied to furring strips, right over the old plaster. The job is done quickly, efficiently, with little muss or fuss. The result is a ceiling of great beauty and permanence — forever **CRACKPROOF**. A 5 ply panel—a full  $\frac{1}{4}$ " in thickness.

**for decorative, washable ceilings**

## UPSON **CEILING TILES**



UPSON  
**CEILING**  
TILES

section

**c**

**6  
PLY**



to keep them bright, clean and attractive.

Upson Ceiling Tiles are applied with **KOLOR PINS** to furring strips nailed across ceiling joists in either new construction or over existing material in remodeling work.



for a super strong sheathing

## UPSON *All Weather* PANELS



UPSON  
All-Weather  
PANELS

section

**d**

**6  
PLY**

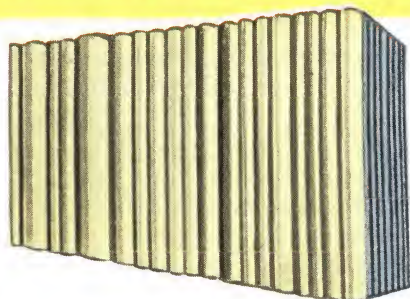
A brand new super-strong, year round weather resistant  $\frac{3}{8}$ " panel expressly engineered for use as a sheathing in house construction. Any type of exterior finish — wood siding, masonry veneer, stucco, wood shakes and asbestos shingles—can be applied over Upson All Weather sheathing. Let-in corner bracing is not required, for Upson All Weather Panels meet



and exceed the requirements of FHA Technical Circular No. 12. Also ideal as an exposed exterior finish for soffits, porch ceilings, garages as well as for farm and factory buildings. A single 8' by 20' All Weather Panel covers the interior side of such buildings—no joints—no battens.

for unusual, modern wall effects

## UPSON *Striated* PANELS



UPSON  
STRIATED  
PANELS

section

**e**

**7  
PLY**

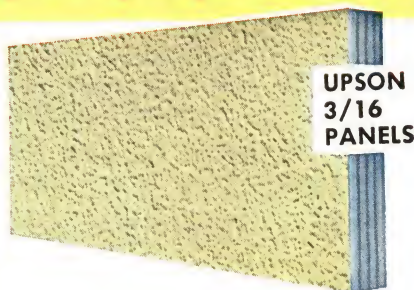
Upson Striated Panels give added sparkle and variety to any room. Use them for wainscotings, paneled effects, around the fireplace — to lend diversification and interest.



The beautiful striated surface is easily painted or stained to achieve really beautiful, colorful effects. Upson Striated Panels are easy to apply, require a minimum of maintenance. With ordinary care will last a lifetime.

a light weight, general utility panel

## UPSON $\frac{3}{16}$ " PANELS



UPSON  
 $\frac{3}{16}$ "  
PANELS

section

**f**

**4  
PLY**

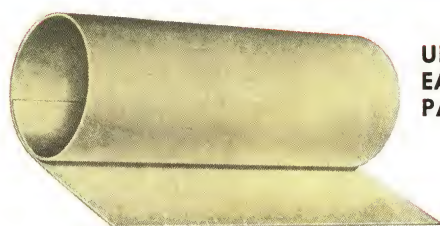
Upson  $\frac{3}{16}$ " Panels possess unusual strength and rigidity. Being surface sized, it is possible to produce true colors with a single coat of paint. Because Upson  $\frac{3}{16}$ " Panels lend themselves to such a variety of uses,



many business establishments including stores, theaters and factories always keep a supply on hand. Above is shown two of many ways Upson  $\frac{3}{16}$ " Panels may be used for efficient low cost construction.

for signs, displays

## UPSON *Easy-Curve* PANELS



UPSON  
EASY-CURVE  
PANELS

section

**g**

Upson Easy-Curve Panels were especially created for the busy display man. These are long-fibered laminated panels having great flexibility which permits them to be shaped into all manner of curves and columns.



Upson Easy-Curve Panels have a rich pebbled surface on one side—the other superbly smooth. Takes all kinds of paint with equal facility. Especially effective when used in conjunction with other Upson Panels.



# UPSON STRONG-BILT PANELS

*Waterproofed*

...the

Designed and manufactured  
to meet and exceed FHA  
minimum construction requirements

## SPECIFICATIONS

Number of plies.....	6
Thickness, in inches.....	0.34
(Approx. three eighths inch)	
Weight per square foot, in pounds.....	0.95
Thermal conductivity, Btu per hour, per square foot, per degree F., per inch thickness.....	0.43
Moisture content, approximately.....	8.5%
Water absorption, 24 hours immersion, by weight, approximately.....	13.5%
Impact resistance, times greater than same thickness $\frac{3}{8}$ " of plaster wallboard.....	6
Flexural strength, breaking load, long way of panel, in pounds.....	42
Flexural strength, breaking load, short way of panel, in pounds.....	24
Mullen test, resistance to rupture, pounds per square inch (average)...	608
Tensile strength, long way of panel, in pounds per square inch.....	2,033
Tensile strength, short way of panel, in pounds per square inch.....	928
Nail holding strength, in pounds.....	145
Compressive strength, compression under pressure of 368 psi.....	.085"
Linear expansion, lengthwise.....	0.05%
Linear expansion, crosswise.....	0.1%
Mold and termite resistance, toxic treated to resist mold, fungi and termites.	

**Upson STRONG-BILT Panel Sizes**  
Giant size, 8 feet wide and 12', 14', 16', 18' and  
20' in length; also 4 feet wide by 6', 8', 10'  
and 12' long.

## Physical Characteristics

Upson STRONG-BILT Panels, waterproofed, are rugged, 6 ply panels approximately  $\frac{3}{8}$ " thick, laminated for strength and rigidity. They are impregnated with various gums, resins and oils to make them waterproofed throughout.

STRONG-BILT has a beautifully pebbled surface which is pre-sized at the factory, providing a perfect painting surface.

STRONG-BILT Panels are made in standard sizes 4 foot by 6', 8' 10', and 12' long—full-wall sizes, 8 feet wide and 12' 14' 16' 18' and 20' long.

STRONG-BILT Panels have high insulation value. Independent, authoritative tests show that STRONG-BILT Panels have up to 3.2/1 times the insulation value of plaster board and 2.6/1 that of fir plywood. Thermal conductivity—.43 BTU.

## Uses

Upson STRONG-BILT Panels are specifically designed to provide a better, more efficient, CRACK-PROOF wall and ceiling lining for new construction.

They are applied quickly any time of the year. No waiting for plaster to dry. STRONG-BILT Panels are applied direct to studs with the Upson Floating Fastener. (See page 11).

While primarily designed for new home construction, Upson STRONG-BILT Panels have a wide variety of other uses wherever an unusually strong, rigid wall surface is needed.

Industrially, it is used in stores and factories for walls and ceilings, partitions, storage rooms, and many other places.

STRONG-BILT may also be found in many schools, churches, and other public institutions.

## Easy to Handle

Two Men Handle A  
Panel Easily

By using wooden U clamps two men can easily handle a large 8' x 20' Upson Strong-Bilt Panel. Strong and Rigid. →



Panel Goes Through  
An Ordinary Door

Two men carry an 8' x 20' Upson Strong-Bilt Panel through an ordinary door, measuring 2'6" x 6'8". Durable and Permanent. ←



See Decoration Suggestions on Page 12

Write The Upson Company, Lockport, New York, for detailed application directions for Upson STRONG-BILT Panels (waterproofed).





# ideal wall and ceiling lining for new home construction

## Application

Upson STRONG-BILT Panels (waterproofed) can be applied equally well to various types of construction; wood frame, brick veneer, concrete or cinder block, as well as to modern steel frame construction. They are equally suited to conventional, site or factory constructed houses.

**FRAMING** — It is essential in all types of construction to provide a continuous backing for all edges of STRONG-BILT Panels as well as for all decorative mouldings. By proper planning, practically all of this backing can be installed when framing the building.

Masonry, and concrete or cinder block construction should be furred 16" on centers and the furring so located as to provide a continuous nailing base for all panel edges and mouldings.

**No. 2 FASTENERS** — Upson No. 2 Floating Fasteners applied 12" apart on studs and joists anchor Strong-Bilt Panels from the back, avoiding face nailing and also provide for normal structural movement of studs and joists. Apply Fasteners to a solid base, not springy, with 3d coated nails. Do not use Fasteners under panel edges or around openings, but nail with 3d coated nails spaced 16" apart and 1/4" back from panel edge.

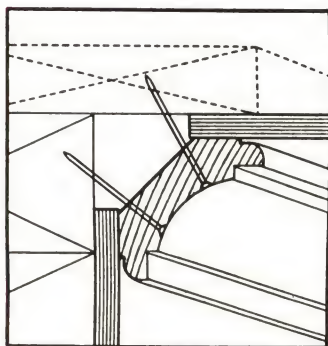


FIGURE 1

Use a heavy hammer and start clinching Fasteners in center of panel working out from center to each edge. Center the pounding block over one fastener at a time. Hold panel firmly against Fastener prongs. The first blow will then cause Fasteners to enter panel and the second will clinch them.

**MOULDINGS** — DO NOT PAPER OVER JOINTS OR USE CRACK FILLER. Panel joints should always be covered with a decorative moulding. Upson Shed-O-Line Mouldings, illustrated on Page 12 add interesting high lights and shadows as well as permitting the installation of mouldings before decorating. If standard mouldings are used, STRONG-BILT Panels should be decorated before the mouldings are installed. Nail mouldings securely, not to exceed 8" apart.

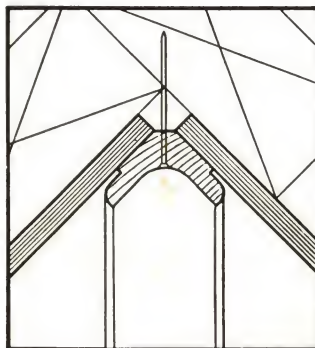
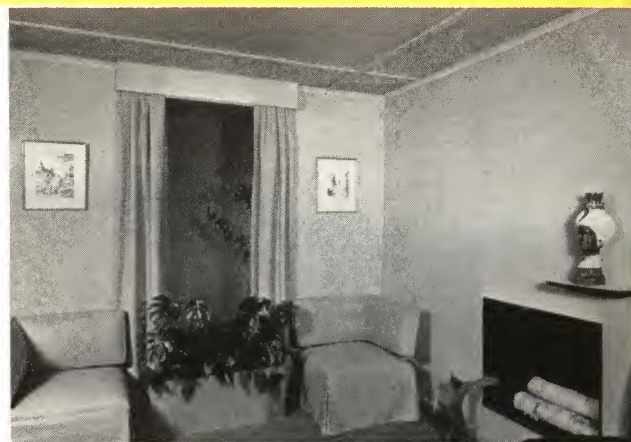


FIGURE 2

**PANEL APPLICATION** — Apply ceiling panels first. Allow for 1/4" space between all panels. At angle of ceiling and sidewall, leave sufficient space so that when applying cornice, nails can be driven into framing through space between panels, without nailing into edge of either ceiling or sidewall panels, as shown in Figure 1 at left. Wall panels should also be spaced to allow for proper nailing of inside corner moulding. See Figure 2.

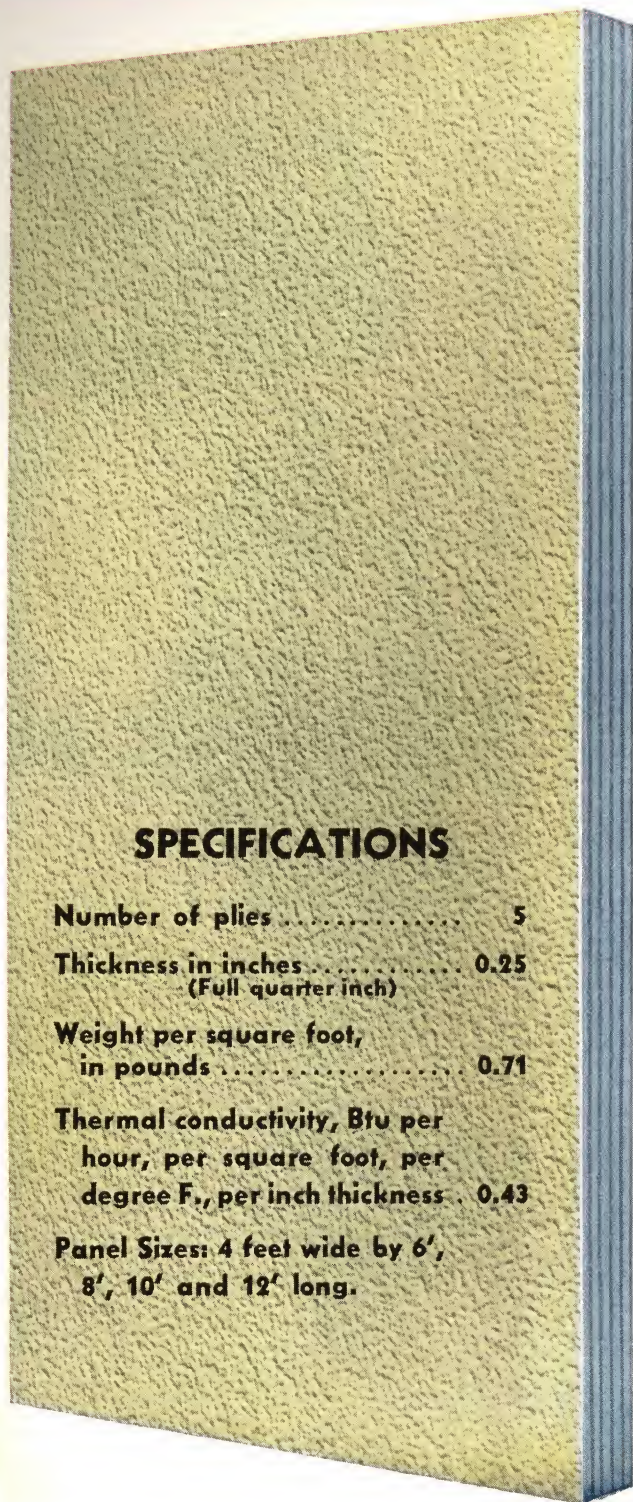
Use a piece of 2 x 4 about 8" long to clinch STRONG-BILT Panels onto Fasteners. Face one side of block with a piece of panel, countersinking nails so they will not mar panels being installed.





# UPSON KUPER-KRAK PANELS

*for*



## SPECIFICATIONS

Number of plies .....	5
Thickness in inches .....	0.25
(Full quarter inch)	
Weight per square foot, in pounds .....	0.71
Thermal conductivity, Btu per hour, per square foot, per degree F., per inch thickness ..	0.43
Panel Sizes: 4 feet wide by 6', 8', 10' and 12' long.	

Detailed Directions for Decorating Upson KUPER-KRAK Panels are shown on Page 12.

Write The Upson Company, Lockport, New York, for more detailed application instructions.

## Physical Characteristics

Upson KUPER-KRAK Panels, 5 ply, have identically the same pebbled surface as STRONG-BILT Panels. They are a full quarter-inch in thickness. The Panels come in 4 foot widths by 6', 8', 10', and 12' long.

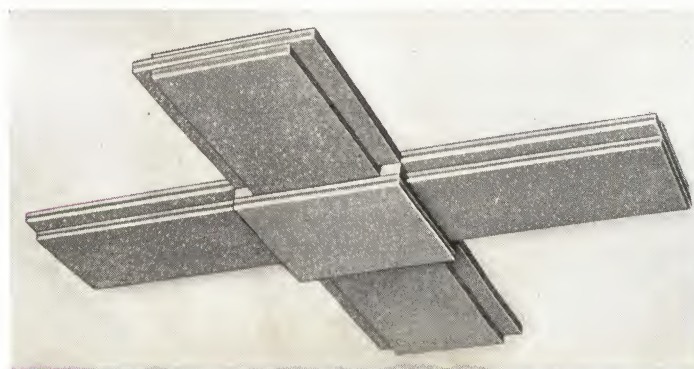
Upson KUPER-KRAK Panels may be obtained waterproofed when ordered in carload quantities.

## Uses

While designed primarily for re-covering cracked plaster ceilings, KUPER-KRAK Panels are also used extensively for repairing and remodeling walls of older homes. Wherever there is need for a superior wall and ceiling surface, KUPER-KRAK Panels will serve admirably.

## Decorative Accessories

Beauty is added to the appearance of an Upson ceiling installation when Upson Decorative Blocks or Relief Ornament No. 100 are used in conjunction with Upson Shad-O-Line Duplex Mouldings to cover panel joints.



Upson Duplex mouldings are available in 2" strips mounted on a 3" base. These mouldings take full advantage of high lights and shadows—a beautiful effect.



# re-covering cracked plaster ceilings and sidewalls

## Application

Upson KUYER-KRAK Panels can be applied over old cracked plaster ceilings or any type of wall covering to give a modern, fresh interior finish.

### PREPARING OLD SURFACE

**CRACKED PLASTER** — Fur 16" on centers over old plaster, shimming to produce a true and level surface. Plan the paneling design and then apply furring accordingly, providing a continuous nailing base for all panel edges and all mouldings.

**BRICK CONCRETE OR CEMENT BLOCKS** — Waterproof the walls with asphaltum. Fur horizontally 16" on centers. Cut in vertical furring to provide a continuous nailing base for panel edges and mouldings. Paint edges and back of KUYER-KRAK Panels with a good waterproof paint.

**WOOD WAINSCOTING OR BEADED CEILING** — It is not necessary to fur if the old surface is level and not springy, otherwise fur 16" on centers.

### FASTENERS

Upson No. 2 Floating Fasteners applied 12" apart on furring strips anchor Kuyerkrak Panels from the back avoiding face nailing and also provide for normal structural movement. Apply Fasteners to a solid base, not springy, with 3d coated nails. Do not use Fasteners under panel edges or around openings, but nail with 3d coated nails spaced 16" apart and 1/4" back from panel edge.

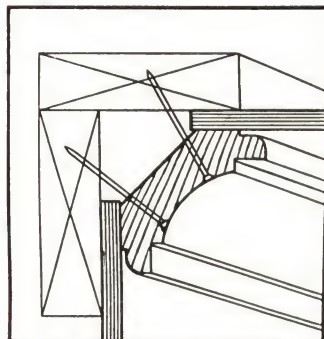


FIGURE 3

one side with a piece of KUYER-KRAK Panel countersinking the nails so they will not injure the panels being installed.

Using a heavy hammer start clinching Fasteners in center of panel, working out to each side. Center the pounding block over one Fastener at a time. Hold the panel against the Fastener prongs, when striking the first blow, thus insuring the prongs entering the panel. The second blow will clinch the prongs. Nail panel edges and around openings.

### MOULDINGS

Upson Shad-O-Line Mouldings have been designed to permit the panels to move with normal structural settlement without showing the broken paint lines so common to most panel material installations. Shad-O-Line Moulding designs are illustrated on Page 12.

**NOTE**—If Shad-O-Line Mouldings are not used, KUYER-KRAK Panels must be painted before applying the standard wood moulding. All mouldings should be nailed securely, not to exceed 8" apart. Use finish nails of sufficient size so they will enter furring far enough for good holding power.

Do not paper over joints or use crack filler.

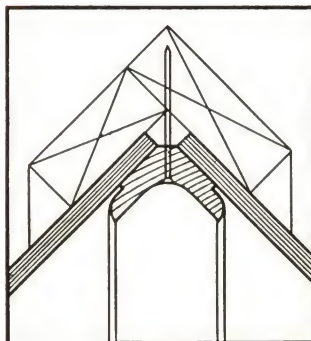


FIGURE 4





# UPSON CEILING TILES

**For decorative  
washable ceilings**

## Physical Characteristics

Upson Ceiling Tiles are 6-ply, laminated fibre panels cut with precision to 12" squares. The edges are moderately beveled — just enough to accentuate the attractive tile pattern.

Upson Ceiling Tiles are truly waterproofed — more than enough, in fact to withstand moisture conditions frequently found in homes, stores, factories and even steam laundries.

Laboratory tests prove that Upson Ceiling Tiles will not absorb more than 13.5% by weight when completely submerged in water for as much as 24 hours. Moisture content is scientifically controlled at 8.5%.

Upson Ceiling Tiles are prefinished with the exclusive Upson SYNTHO finish. This special finish equal to at least two coats of aged lead and oil paint gives to these tiles a truly washable surface which will last indefinitely. Soap and water — even gasoline, will not mar this amazing finish. While beautiful in their natural finish, Upson Ceiling Tiles may be finished in any color. Their SYNTHO surface makes a perfect bond for oil base paints.

Upson Ceiling Tiles are extremely sturdy, having a breaking strength of 630 pounds per square inch. They are many times stronger, in fact, than most  $\frac{1}{2}$ " insulating tile. Corners will not break in handling.

## Uses

Upson Ceiling Tiles add a decorative and practical touch to the ceilings of home, office, store, church or school — in fact, any type of private or public structure where a permanent, easy to clean, prefinished ceiling is desired.

Because they are waterproofed, Upson Ceiling Tiles are particularly suited to the ceilings of buildings where unusual moisture conditions prevail — baths, kitchens, basements, restaurants, stores — even steam laundries, porches and breezeway ceilings.

## Application

**APPLYING FURRING STRIPS** — Applying furring strips 12 inches on centers, opposite the direction of the joists. Be sure one furring strip is directly against each side wall.

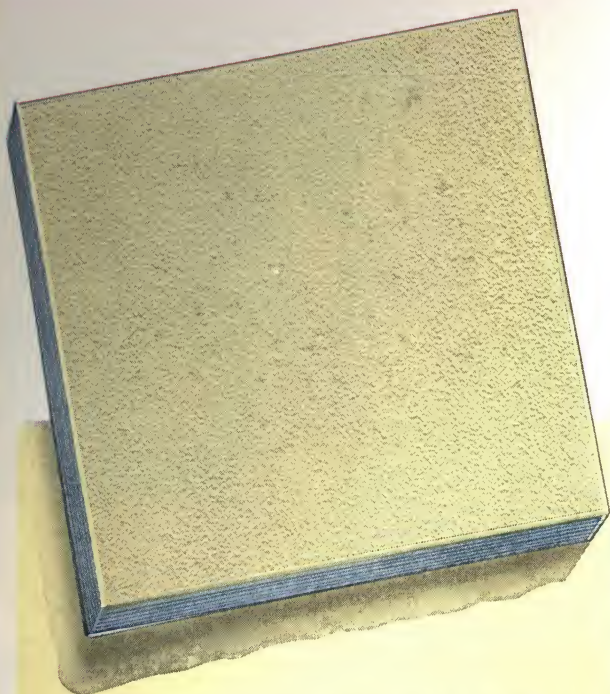
Use only straight, well seasoned 1" x 3" lumber, preferably white pine. Apply furring strips so that they fall directly under the edges of the Ceiling Tiles.

**APPLYING CEILING TILES** — Tack a straight edge on the furring strip in the center of the ceiling, against which the Tiles can be butted. Start at center point and work toward one end of the room.

Upson Kolorpins should be used in each of the four corners of each Tile. Place them  $\frac{1}{2}$ " in from the edge. Drive flush with Tile surface.

**CUTTING CEILING TILES** — Upson Ceiling Tiles may be cut to fit at the border of the Ceiling. Use a fine tooth saw or a Stanley Fibre Board Knife No. 199.

**MOULDINGS** — Apply cove or cornice moulding around the Ceiling. Any stock moulding obtainable from a lumber dealer is satisfactory.



## SPECIFICATIONS

Number of plies.....	6
Thickness, in inches.....	0.34
(Approx. three eighths inch)	
Weight per square foot, in pounds.....	0.95
Thermal conductivity, Btu per hour, per square foot, per degree F., per inch thickness.....	0.43
Moisture content, approximately.....	8.5%
Water absorption, 24 hours immersion, by weight, approximately.....	13.5%
Impact resistance, times greater than same thickness $\frac{3}{8}$ " of plaster wallboard.....	6
Flexural strength, breaking load, long way of panel, in pounds.....	42
Flexural strength, breaking load, short way of panel, in pounds.....	24





## For sheathing of homes

Excellent nailing base for wood shakes and asbestos shingles.

UPSON *All Weather* PANELS

3d  
Up

### Physical Characteristics

Upson All Weather Panels (waterproofed) are 6 ply, laminated fiber, super-strong  $\frac{3}{8}$ " panels expressly engineered for use as sheathing or for exposed exterior finish. Toxic treated to resist mold, fungi and termites. Smooth surface is easy to paint—base color will not bleed through oil base paint—no special sealer is required.

SIZES 2'-0" wide — 8' long.  
4'-0" wide — 8' 9' 10' and 12' long.  
8'-0" wide — 12', 14', 16', 18' and 20' long.

### Uses

In addition to use as a superstrong sheathing for house construction Upson All Weather Panels have almost unlimited uses for:—

Soffits	Farm Buildings	Hog Houses
Porch Ceilings	Poultry Houses	Fruit Storage Buildings
Garages	Storage Sheds	Milk Houses

as well as a multitude of uses around the farm, the home and factory.

### Application GENERAL—4'-0" WIDE PANELS

Erect framing 16" on centers. Apply panels with long edges parallel to studs. Leave a  $\frac{1}{8}$ " space between panels. Use 6d cement coated nails. Nail to intermediate studs first, spacing nails 6" apart. Then nail all panel edges, spacing nails 3" apart and  $\frac{3}{8}$ " from panel edges.

The proper adjustment in dimensioning ordinary window and door jams should be made with a filler strip to compensate for  $\frac{3}{8}$ " sheathing.

Install 2 x 4 nailing pieces where a support other than studs is needed to fasten light wires, shutters or other structural attachments.

See application directions for use of 8' wide panels.

#### EXTERIOR FINISH OVER ALL WEATHER SHEATHING

**WOOD SIDING** — Apply siding directly over All Weather Panels, butting the ends over studs.

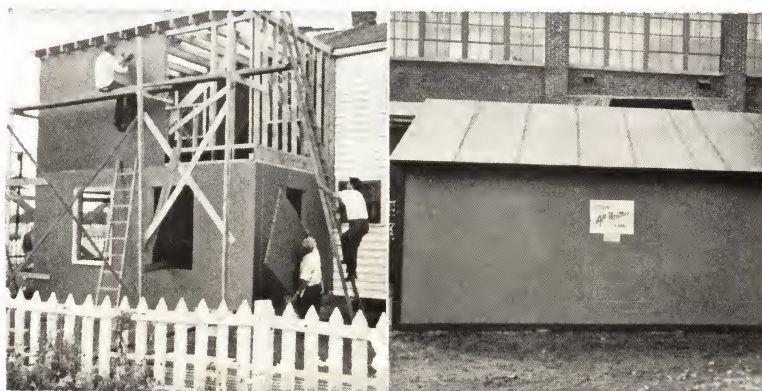
**MASONRY VENEER** — Follow standard procedure, using metal ties and leave  $\frac{1}{2}$ " air space between masonry veneer and sheathing.

**STUCCO** — Self-furring stucco can be applied directly over All Weather Sheathing and nailed to studs. If non-furring stucco base is used apply to wood furring over the sheathing.

**SHINGLES** — Both wood and asbestos shingles can be applied by the standard double coursing method using shingle backer and grooved nail like the Stronghold nail.

Asbestos shingles can be applied directly to All Weather Sheathing without the use of shingle backer by using Loc-Nail (Size ST) manufactured by E. G. Building Fasteners Corporation, 101 Park Ave., New York 17.

**NOTE**—Any type of exterior finish can be used over Upson All Weather Sheathing. Write for detailed Application Directions.



4' Widths For Sheathing

8' x 20' For Garage Exterior

FHA accepted, as meets and exceeds  
FHA Technical Circular No. 12.

### PLUS VALUES

#### Of Upson All Weather Panels

1. A 6-ply laminated sheathing panel
2. Strength — far and beyond other panel materials
3. Sizes — almost unlimited, exceeds any other type of panel material.
4. Water Absorption — 3 times better resistance than required by Federal Specifications LLL-F-321b.
5. Painting — the base color will not bleed through paint — no special sealer is required.
6. Moisture Content — we publish our moisture content — 10 to 12%. No wetting or special treatment 24 hours before using required.
7. Nail Holding — Resistance to nail withdrawal 80% greater when compared to 25/32 Insulation Sheathing Tested . . . 43% greater when compared to a 15/32 homogenous panel material.
8. Thermal conductivity — .43 B.T.U.
9. Build greater strength into your home.
10. Color — Sunfast . . . Non-fading — will not water streak.
11. The Upson Company has 45 years of "Know How" in the handling and formulation of fibers into panels.



# UPSON *Striated* PANELS

**For Unusual  
Modern Wall Effects**

## *Physical Characteristics*

In the new Upson Striated Panel is combined for the first time the sturdy, long wearing and high insulating qualities of laminated wood fibre with a beautiful, smart looking striated finish. The panels are 7 plies tightly compressed to approximately one quarter inch in thickness.

## *Uses*

Extremely attractive, modern wall effects are now achieved at modest cost in home, office or commercial establishment with the use of this exciting new panel material. Variety may be given to regular wall installations by using Upson Striated Panels for wainscoting, around the fireplace or on a single wall for contrast.

## *Application*

Upson Striated Panels are applied in exactly the same manner as Upson Strong-Bilt Panels using the No. 2 Upson Floating Fasteners. Be sure to cover all joints with an attractive moulding. Standard wood mouldings for this purpose are available at any lumber dealer.

## **SPECIFICATIONS**

Number of plies.....	7
Thickness in inches.....	0.275
Weight per square foot in pounds.....	0.942
Thermal conductivity, Btu per hour, per square foot, per degree F., per inch thickness.....	0.43
Panel Size: 4' wide by 8' long	

# UPSON 3/16" PANELS

**A Lightweight,  
General Utility Panel**

## **SPECIFICATIONS**

Number of plies.....	4
Thickness in inches.....	0.187 (Three sixteenths inch)
Weight per square foot in pounds.....	0.537
Thermal conductivity, Btu per hour, per square foot, per degree F., per inch thickness.....	0.43
Panel Sizes: 4 feet wide by 6', 7', 8', 9', 10', 12', 14' and 16' long.	

## *Physical Characteristics*

Upson 3/16" Panel is a lighter weight 4 ply panel with the same beautiful pebbled surface as Upson heavier weight panels. Upson 3/16" Panel, as the name implies, is a full 3/16" in thickness. These panels are available in 4 foot widths by 6, 7, 8, 9, 10, 12, 14 and 16 feet in length. Upson 3/16" Panels may be obtained waterproofed when ordered in carload quantities.

## *Uses*

Upson 3/16" Panels are widely used in various kinds of construction, signs, displays, window trims, drawer and mirror backs—anywhere, in fact, where the greater strength of Upson Strong-Bilt and Keverkrak Panels is less essential.

Upson 3/16" Panels do, however, possess surprising strength and rigidity. Being surface sized they make it possible to produce true colors with a single coat of paint.

## *Application*

Because of the many diversified uses of Upson 3/16" Panel no attempt is made here to discuss detailed application instructions. It is suggested however that where it is desirable to eliminate face-nailing in either construction or displays that the Upson No. 1 Fastener be used.



For signs, displays

UPSON

Easy-Curve  
PANELS

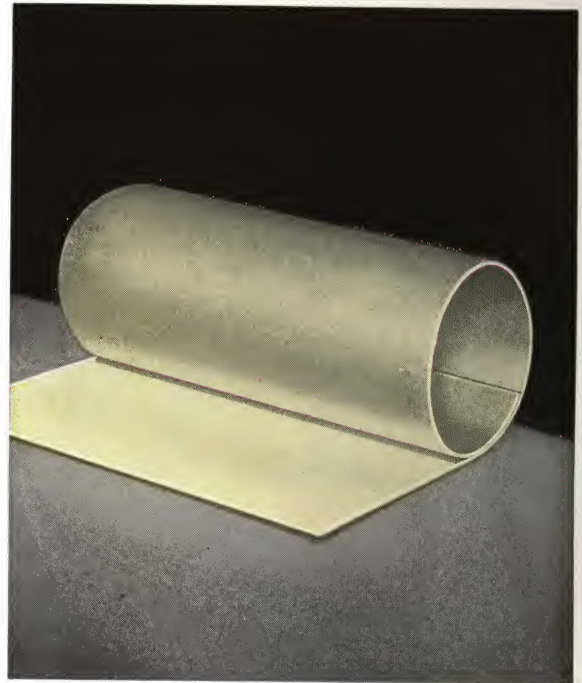
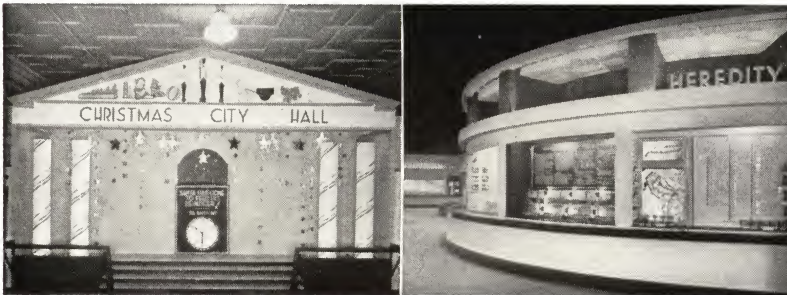
3d

Up

## Physical Characteristics & Uses

A light flexible board approximately  $\frac{1}{8}$ " thick that may quickly be formed into "S" curves, irregular curves, reverse curves — in fact in any kind of curve.

Despite great flexibility however Upson Easy-Curve Panels are strong. Upson Easy-Curve Panels have two useable surfaces. One side is superbly smooth—the other a richly pebbled surface. Either side takes oil, tempera or lacquers with equal facility. Panels come 4' by 8' long. Upson Easy-Curve Panels are specially created for the display field. Columns and curves are easy to make with this versatile material. With Easy-Curve better looking window and store displays can be constructed more quickly and at less cost.



## SPECIAL SIZES AND FINISHES OF UPSON PANELS

Where an order for Upson Panels is in carload lots or better, arrangements can frequently be worked out to provide special sizes and finishes. It is suggested that you write our Technical Division outlining your requirements.

**SPECIAL SIZES:** If the standard lengths and widths of the various Upson Panels listed in this catalog do not meet your requirements and your order is for a carload or more, we shall be glad to provide panels cut to your specified size.

**SYNTHO SURFACE:** A factory applied synthetic coating to Upson STRONG-BILT Panels. Light ivory in color. Abrasion tests prove it equal to two coats of aged oil base paint. Can be washed to remove dirt,

finger marks, and even oil or grease can be removed with gasoline. Provides a finished panel, eliminating field painting. However, SYNTHO surface can be painted or papered if variation in color is desired. Available on orders for a carload or better.

**VAPOR BARRIER:** If faced with a water vapor transmission problem, The Upson Company can supply on carload orders Upson STRONG-BILT Panels (Waterproofed) to which Vapor Barrier coatings have been factory applied. Moisture vapor transmission .20 grains sq. ft. (in. hg).

Upson STRONG-BILT Panels with Vapor Barrier provide a continuous unbroken vapor barrier with extremely high installed efficiency.



Upson No. 2 Floating Fasteners are to be used with Upson Strong-Bilt Panels, Upson Kuver-Krak Panels and Upson Striated Panels. For Upson 3/16" Panels use Upson No. 1 Fasteners.

Aside from Upson Panels themselves probably no contribution to dry-built construction is of greater importance than the Upson No. 2 Floating Fastener.

This fastener is designed to be used exclusively with Upson Strong-Bilt Panels and Upson Kuver-Krak Panels. Avoids face nailing and eliminates visible nails and nail holes. Saves time and labor.

The Upson Floating Fastener applied direct to studding or furring, 12" apart, anchors the panels securely from the back. The fastener is so constructed as to permit movement of the panel, due to normal structural settlement, both vertically and horizontally. The Upson No. 2 Floating Fastener has proven itself in literally tens of thousands of Upson Panel installations. The safety factor in the weight of the panel in the use of the fastener is 12 $\frac{1}{2}$  to 1 in holding power.

## UPSON FLOATING FASTENER



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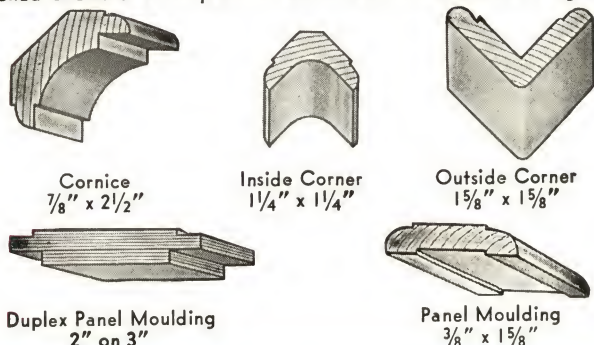


# MOULDINGS

for use with UPSON STRONG-BILT and KUPER-KRAK PANELS

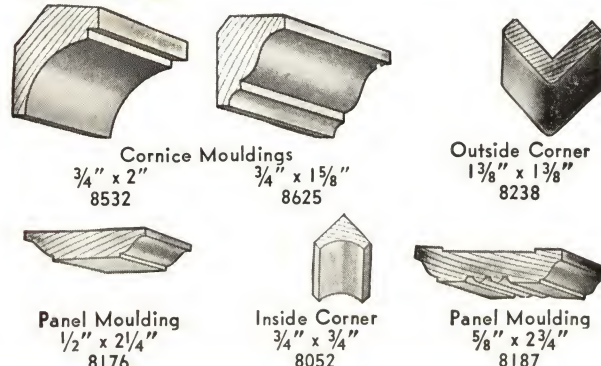
## UPSON SHAD-O-LINE MOULDINGS

Upson Shad-O-Line Mouldings are available from The Upson Company to lumber dealers. Upson Shad-O-Line Mouldings are designed to prevent unsightly paint cracks so common to ordinary panel materials. Carefully paint under the recessed edge of all Shad-O-Line Mouldings. See illustration below. Do not attempt to fill Shad-O-Line or allow paint to accumulate in the recessed edges.



## OTHER TYPES OF WOOD MOULDINGS

Other mouldings adapted to Upson installations but obtainable only through moulding manufacturers are illustrated below. Always paint Upson Panels before applying these other types of wood mouldings. Otherwise, a slight paint crack will show along edge of mouldings as a result of seasonal movement of framing or panels.



# DECORATING

## UPSON STRONG-BILT and KUPER-KRAK PANELS

**PAINTING**—Use a quality paint for best results. The surface of Upson Panels is ideal for any standard type of finish, flat, semi-gloss, high gloss or enamel.

For a satisfactory, washable finish, oil base paints are recommended. Some paint manufacturers suggest that their products will finish in one coat but for a better job we recommend two coats of high grade paint. When applying two or more coats, it is advisable to tint the undercoating to match the finish coat for greater hiding power. Follow the paint manufacturer's directions.

Do not attempt to fill joints between panels but cover all joints with an attractive, decorative moulding.

**PAPERING**—It is possible to paper over Upson Panels as on any flat surface, but never paper over panel joints. Wallpaper should always be applied to panels before mouldings are installed.

Before papering, apply one coat of flat oil base paint cut one half with mineral spirits, or one coat of good varnish size. Use a standard prepared wheat paste. By following this procedure, paper can be removed from Upson Panels when redecorating.

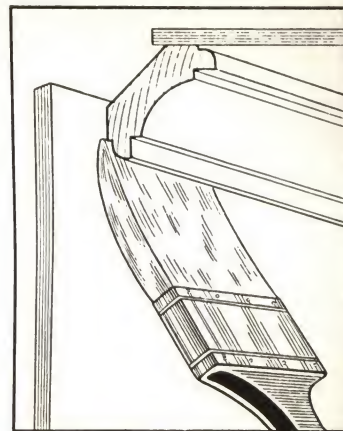
Do not attempt to fill joints between panels when papering or painting, but cover all joints with an attractive, decorative moulding.

## PAINT STANDARD MOULDINGS BEFORE INSTALLING —

When standard mouldings are used, Upson Panels should be finished before the mouldings are installed. Apply the final coat to mouldings after they have been nailed in place.

**PAINTING UPSON SHAD-O-LINE MOULDINGS** — Upson Shad-O-Line Mouldings are designed to prevent unsightly paint cracks so common to ordinary panel materials.

Be sure to paint carefully under the recessed edge of all Shad-O-Line Mouldings. Do not attempt to fill Shad-O-Line or allow paint to accumulate in the recessed edges.



# PREFAB CONSTRUCTION

The versatility and all-around high performance of Upson STRONG-BILT Panels (waterproofed) make them especially adapted for use in multiple housing construction, whether it be factory prefabrication, site prefabrication or conventional construction.

Full-wall size, great strength, high insulating value, waterproofed, light weight and a perfect painting surface are a few of the features of standard Upson STRONG-BILT Panels that appeal to builders of housing projects.

Many of the nation's foremost home prefabricators are using Upson Strong-Bilt Panels for interior linings. Not only do these panels save production time but add great beauty and durability to the home.

Upson Strong-Bilt Panels have been used in over 50,000 homes built by National Homes Inc.



Upson Strong-Bilt Panels have strength, efficient insulating value and are forever CRACKPROOF.

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